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Notice of Allowability	Application No.		Applicant(s)	
	09/904,593		VYAS, PANKAJ	
	Examiner		Art Unit	
	Michael J. Moore, Jr.		2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed 6/8/06.
2. ☒ The allowed claim(s) is/are 1,3-11,16,18-23,27,29-35,39,41-47 and 52-70 (renumbered 1-52, respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|


CHAU NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Narendra Reddy Thappeta (Reg. No. 41,416) on 8/17/06.

The application has been amended as follows:

In claim **27**, on lines 16-17, delete the limitation "wherein said IP packet is sent on either said first SVC or said second SVC according to the data stored in said table".

Allowable Subject Matter

2. Claims **1, 3-11, 16, 18-23, 27, 29-35, 39, 41-47, and 52-70** (*renumbered 1-52, respectively*) are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claim **1**, *Lai et al.* cited in Applicant's IDS submitted 2/21/06 (hereinafter "*Lai*") teaches a method of QoS support in an IP over ATM system where datagrams of different priority are sent over multiple SVCs according to the TOS precedence field of the datagram as provided in the previous Office Action.

Lai as well as the other prior art of record fail to teach the maintaining of a data structure indicating a specific SVC on which to send particular IP packets according to specific precedence values in the TOS field of these packets.

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Regarding claims **3-11**, these claims are further limiting to claim **1** and are thus also allowable over the prior art of record.

Regarding claims **16, 18-23, 27, 29-35, 39, 41-47, and 52-55**, these claims are allowable for the same reason as claim **1** provided above.

Regarding claim **56**, *Lai* teaches a method of QoS support in an IP over ATM system where datagrams of different priority are sent over multiple SVCs according to the TOS precedence field of the datagram as provided in the previous Office Action.

Lai as well as the other prior art of record fail to teach storing in each row of a table an IP address, a network service access point (NSAP) of a second router, a precedence value contained in a header of an IP packet, and a SVC identifier, where these rows indicate a specific SVC on which to send particular IP packets having a specific precedence value in the TOS field the packet header.

Regarding claims **57-60**, these claims are further limiting to claim **56** and are thus also allowable over the prior art of record.

Regarding claims **61-70**, these claims are allowable for the same reason as claim **56** provided above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

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4. Applicant's arguments with respect to claims **1, 3-10, 16, 18-23, 27, 29-34, 39, and 41-46** have been fully considered and are persuasive. The rejections of these claims have been withdrawn.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J. Moore, Jr. whose telephone number is (571) 272-3168. The examiner can normally be reached on Monday-Friday (8:00am - 4:30pm). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema S. Rao can be reached at (571) 272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

mjm MM

Michael J. Moore, Jr.
Examiner
Art Unit 2616